



MSDS

Report number: HLF22003660C Page number: 1 of 9

Technical specification for chemical safety (MSDS)

Sample name: maintenance operator

Model: maintenance operator solder paste

lot number:/

Customer name: Shenzhen Wowice Electronic Technology Co., LTD

Address: No.4 5, Gangde Road, Tongle Community, Longgang District, Shenzhen City, Guangdong Province

zip code:/

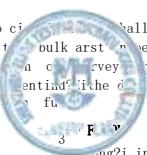
examine
and
verify:

Senior laboratory engineer

Authorized
Signature:

technical manager

In no circumstances shall the Company's responsibility extend beyond inspection, testing and reporting upon the samples actually drawn from the bulk first inspected, tested and surveyed by the Company and any inference to be drawn from the results of such inspection, survey or testing shall be limited to the discretion and at the sole and exclusive responsibility of the Principal. This test report cannot be reproduced except in full.



TESTING

TECHNOLOGIES

Shenzhen F&T Technologies Co., Ltd. Furong Industrial Park, Furong Industrial Area, Xinsgiae Village, Shajing Town, Bao'an District, Shenzhen City

Tel: 86-0755-27748885 Fax: 86-0755-27460000 Hnp/wuw nA t eom



MSDS

Report number: HLF

Report date: February 21, 2023

Page number: 2 of

Item 1: Distribution product

Name of the distribution product: see item 3 for details

Manufacturer: Shenzhen Warway Electronic Technology Co., Ltd

Address: No.45, Gangde Road, Tongle Community, Longgang District, Shenba City, Guangdong Province

contacts:

telephone:

portraiture: /

postbox: /

Second item:

Risk category:

GHS hazard category:

Additional category of reproductive toxicity

Reproductive toxicity category 1A

Tag elements:



figurative graph:

Warning words: danger

Risk description:

H362 may cause harm to breastfed children

Prevention instructions;

preventive measure:

—P201 Get special instructions before use.

—P260 Do not inhale dust / smoke / smoke / vapor spray.

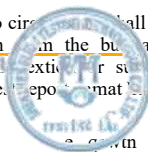
— Avoid contact during pregnancy.

P263 — Clean it thoroughly after the operation.

—P264 Do not eat, drink, or smoke when using this product.

—P270

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FLION TESTING TECHNOLOGIES

Shenzhen Flion Testing Technology Co., Ltd. 45 Gangde Road, Tongle Community, Longgang District, Shenzhen City, Guangdong Province
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MSDS

Report Number: HLF 22003660C Report Date: February 21, 2023 Page: 3 of 9

— P202 Do not move before reading and knowing all safety measures.

— P280 wear protective gloves / protective clothing / protective eye mask / protective mask.

Accident Response,

— P308 + P313 If contact or doubt: seek treatment / visit.

safe storage:

— P405 The storage place must be locked.

Waste disposal:

— P501 Disposal of internal contents / containers according to local regulations,

Physical and chemical hazards: no data

Health hazards: a possible harm to breastfed children.

Environmental hazard: no data

Third item:

Pure product

mixture ■

chemical composition:

chemical name	ratio of constituents (%)	CAS number	EC number
tin	50-70	7440-31-5	231-141-8
lead	30-50	7439-92-1	
vaseline	20-30	8009-03-8	232-373-2

Fourth item:

give first aid treatment:

Inhalation: fresh air, rest.

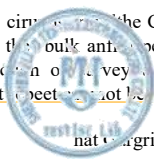
Skin contact: take off the contaminated clothes. Rinse and then wash the skin with water and soap.

Eye contact: Remove your contact lenses for a few minutes, if possible), and then seek medical attention.

Eat in: gargle. A lot of drinking water. Administration of medical care.

Advice to protect rescuers: move patients to a safe place. Consult the doctor and present this chemical safety technical manual to the doctor on site.

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national Industrial Park, Furong Industrial Area, Xinqiao Village, Shajing Town, Hao'an District, Shenzhen City

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MSDS

Report number: HLF22003660C

Report date: February 21, 2023

Page number: 4 of 9

Special note for the doctor: no data

Fifth item: fire protection measures

annihilator:

Fire fighting with water mist, dry powder, foam or carbon dioxide extinguishing agent.

Avoid using straight water to extinguish the fire, which may lead to the splash of combustible liquid and spread the fire.

Especially dangerous:

Not combustible. Release of irritating or toxic smoke (or gas) in the flame. The finely dispersed frontal particles form explosive mud compounds in the air.

Fire-fighting precautions and protective measures:

When the environment of Zhou country catches fire, use appropriate fire extinguishing agent.

Item 6: leakage emergency treatment

Protective measures, protective equipment and emergency handling procedures for operators:

Clean the leak into the container. If appropriate, the first wetting to prevent dust. The residue was carefully collected and then transferred to a safe location. Do not let the chemical in

Environment, personal protective equipment: a P3 filter respirator suitable for toxic particulate matter.

Environmental protection measures: shelter the leaks to avoid environmental pollution. Prevent leaks from entering sewers, surface water, and groundwater.

Reception and removal methods of leaking chemicals and disposal materials used:

Small leakage: Collect the leaking liquid in an airtight container whenever possible. Absorb with sand, active huan or other inert materials and transfer to a safe place.prohibit

Rush into the sewer.

Mass leakage: building embankments or digging holes for shelter. Close the drainage pipes. Cover with foam. Inhibition of yan hair. Transfer with an explosion-proof pump to the tanker or special collector, recycling or transport to the waste disposal site for disposal.

Item 7: Operation and storage

Operational considerations:

Prevent dust deposition. The locking system. Prevent dust welding and blasting type electrical equipment and lighting.

Operators shall be specially trained and strictly follow the operating procedures.

Operational disposal shall be performed in places with local ventilation or comprehensive ventilation facilities.

Avoid eye and skin contact. Avoid inhalation of vapor.

See Part 8 for individual protection measures.

In principle, the Company's responsibility shall extend beyond inspection, testing and reporting upon the samples actually drawn from the product. Inspection, testing and surveying by the Company and any inference to be drawn from the results of such inspection, testing or surveying shall be entirely the direction and at the sole and exclusive responsibility of the Principal. This report cannot be reproduced except in full.

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MSDS

Report number: HLF22003660C

Report date: February
21, 2023

Page number: 5 of 9

Stay away from fire and heat sources, and smoking is strictly prohibited in the workplace. Use an explosion-proof ventilation system and equipment.

If canned, the flow rate shall be controlled and grounded to prevent static build-up.

Avoid contact with prohibited ants such as oxidants (see part 10).

When handling, light loading and unloading to prevent damage to packaging and containers.

An empty container may remain harmful substances.

Wash your hands after use, and avoid eating in the workplace.

Equipped with the corresponding variety and quantity of fire-fighting equipment and leakage emergency treatment equipment.

Storage considerations:

Substances conflict with food, feed and properties shall be stored separately. See the Chemical Hazard.

Item 8: Contact control and personal protection measures

Maximum allowable concentration: no standard is established,

Monitoring method: None,

engineering control:

Prevent dust diffusion! Avoid contact with pregnant women!

Worksites are recommended to be separated from other workplaces.

Closed operation to prevent leakage.

Strengthen ventilation.

Set up the automatic alarm device and the accident ventilation facilities.

Set up emergency evacuation channels and necessary evacuation areas.

Set up the red area warning line, warning mark and Chinese warning instructions, and set up the communication alarm system.

Provide safe shower and eye washing equipment.

Personal protective equipment:

Respiratory system protection: local exhaust ventilation or respiratory protection.

Hand protection: protective gloves.

Eye protection: safety goggles.

Skin and body protection: wear poison overalls.

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MSDS

Report number: HLF22003660C

Report date: February 21, 2023

Page number: 6 of 9

Item 9: physical

Appearance: paste

Color: gray

Smell: no smell

Density: no data

Boiling point: no data

Melting point: no data

Flash point: no data

Air pressure: no data.

Water solubility: no data

Distribution coefficient (n-octanol / water): no data

Viscosity: countless grip

PH value: no data

Solvent inhalation allowance: no data

Solubility: no data is available

Burning point temperature: no data

Item X: Stability and

Stability: stable under normal conditions.

Proants: strong oxidant, strong acid,

Avoid contact conditions: mixing with air in the shape of powder or particles, and dust explosion may occur. When heated, toxic smoke. Reacting with the oxidant. React with hot concentrated nitric acid, boiling concentrated hydrochloric acid and sulfuric acid. Aerobic presence, eroded by pure water and weak organic acids

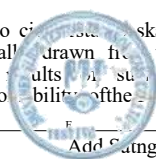
Aggregation hazards: None

Decomposition product: no data.

Item 11:

Acute toxicity: Inhalation: LC50-rat (male / female) -> 5.05 mg/L air.

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MSDS

Report number: HLF22003660C

Report date: February 21, 2023

Page number: 7 of 9

Subacute toxicity and chronic toxicity: no data are available

Irritancy: no data

Sensitization: no data is available

Mutagenicity: no data are available

Carcinogenicity: no data is available

Specific target organ system toxicity — repeated exposure:

The substance may have effects on the blood, bone marrow, central nervous system, terminal nervous system and kidney, leading to anemia, encephalopathy (e. g. convulsions), peripheral neuropathy, stomach cramps and kidney damage. Cause reproductive or developmental toxicity in humans.

inhalation hazard:

The harmful concentration of frontal particles in the air can be reached quickly by diffusion, especially the powder

Item 12: Ecological information

Eco-toxicity:

Acute toxicity test in fish: LC50-Oncorhynchus mykiss (previous name: Salmo gairdneri) -1170 μ g / L-96 h

Remarks: (estimated using the conversion equation according to Blust (2010); measured total LC50 values was 1170 μ g/L).

Test: NOEC-other aquatic mollusc: Crassostrea gigas->=1915 μ g/L-48 h. Remarks: Pb. Algal growth

inhibition test: NOEC-Skeletonema costatum-22.7 μ g/L-96 h

Toxicity to microorganisms: IC10-Micro-organisms living in activated sludge mixed liquor-2.92 mg / L-1 h

Remarks: Respiration rate.

Biodegradability: Not applicable.

Non-biodegradability: Not applicable.

Biotoxicity or bioaccumulation: not applicable,

Other harmful effects: no known major effects or serious hazards.

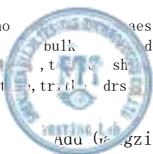
Item 13: Waste disposal

Waste chemicals:

To recycle whenever possible.

If it cannot be recycled, use the incineration method for the disposal,

In no case does the Company's responsibility extend beyond inspection, testing and reporting upon the samples actually drawn. Full responsibility is assumed from the sender and surveyed by the Company and any inference to be drawn from the results of such inspection, testing, survey or survey or testing operation and at the sole and exclusive responsibility of the Principal. This test report cannot be reproduced except in full.



— FION TESTING TECHNOLOGY —

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MSDS

Report number: HLF22003660C

Report date: February 21, 2023

Page number: 8 of 9

The product shall not be discarded by means of discharge into the sewer.

Pollution packaging:

Return the containers to the manufacturer or dispose in accordance with national and local regulations.

Waste considerations:

Refer to the relevant national and local laws and regulations before waste disposal.

See Part 8 for safety precautions for disposal personnel.

Item 14:

Dangerous goods number: not applicable

UN number:, with no data

Packaging mark: no data

Packaging method: no data

Transportation considerations:

Transport vehicles shall be equipped with the corresponding variety and quantity of fire-fighting equipment and leakage emergency treatment equipment.

It is strictly prohibited to mix and transport with oxidants and edible chemicals.

The exhaust pipe of the vehicle must be equipped with fire resistance.

When using the tank (tank) vehicle, there should be a grounding chain, and the hole partition can be set in the tank to reduce the static electricity generated by plain swings.

Prohibit the use of mechanical equipment and tools prone to sparks,

It is best for morning and evening transportation in summer.

Transportation should be prevented from sun exposure, two showers, to prevent high temperature.

The stopover should be far away from the fire, heat source and high temperature area.

The road transportation should drive according to the prescribed route, and do not stay in the residential areas and densely populated areas.

Sliding shall be prohibited during railway transportation.

It is strictly prohibited to transport with wooden ships and cement ships in bulk.

Hazards signs and announcements shall be posted on the means of transport according to the relevant transport requirements.

Item 15: Regulatory information

Regulatory Information: ISO 11014-2009 Safety Data Sheet for Chemicals Content and Order Section: Regulation (EC) No 1272 / 2008 Classification of Substances and Mixtures, Labeling and Packaging Regulations: IMDG Code International Maritime Dangerous Goods Rules.



MSDS

Report Number: HLF22003660C Report Date: February 21, 2023 Page: 9 of 9

Item 16: Other information

The above information is based on data accuracy, because this information may be applied or modified beyond our control, for which we do not bear any burden
duty. This information is configured when the recipient determines the proprietary purpose of the material.

Note: -Photo is attached

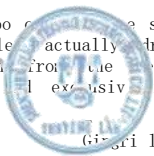
Sample Description: Paste

Sample photo



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